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(19) **United States**(12) **Patent Application Publication**
Searle(10) **Pub. No.: US 2004/0066475 A1**(43) **Pub. Date: Apr. 8, 2004**(54) **ALTERING SURFACE OF DISPLAY SCREEN
FROM MATT TO OPTICALLY SMOOTH**

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SUGHRUE MION, PLLC**2100 PENNSYLVANIA AVENUE, N.W.****SUITE 800****WASHINGTON, DC 20037 (US)**(57) **ABSTRACT**(21) **Appl. No.: 10/416,885**(22) **PCT Filed: Nov. 16, 2001**(86) **PCT No.: PCT/NZ01/00258**(30) **Foreign Application Priority Data**

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A matt surface (7) of a display screen (2) is converted to an optically flat surface (11), for example, via an epoxy resin coating (10) or the like which has a refractive index equal to that of the matt surface (7). Alternatively, the matt surface (7) may be removed from the screen (2), and replaced with an optically smooth surface. The matt surface may be a diffusive surface (7) formed on a birefringent film (6) of an LCD screen (2). The display screen (2) is the front screen of a multilevel three-dimensional display comprising layered screens (2, 3), and altering the surface from matt to flat reduces the blurring of displayed images.

